

WHAT IS CLAIMED IS:

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1. ~~An information processing system comprising:~~

an operation screen unit capable of displaying information
and detecting a touch operation on a surface thereof;

5 a first display control unit controlling display of the
information on said operation screen unit; and

an operation mode selecting unit selecting any one of two or more operation modes with respect to the touch operation,

wherein a first operation mode provides the touch operation
10 on said operation screen unit with a first function corresponding
to the touch operation, and

a second operation mode provides the touch operation on said operation screen unit, instead of providing the first function corresponding to the touch operation, or together with providing the first function, with a second function of displaying a marker for indicating a detection of the touch in a touch position.

2. An information processing system according to claim
20 1, further comprising:

a connecting module for connecting a display device capable of displaying information in addition to said operation screen unit.

wherein said display device is connected via said
25 connecting module,

~~said first display control unit controls the display of the information on said display device and the display of the~~

the second operation mode provides the touch operation on said operation screen unit, instead of providing the first function corresponding to the touch operation, or together with providing the first function, with a second function of displaying a marker for indicating a detection of the touch in at least one of a touch position and a display position on said display device which is determined based on the touch operation.

the second operation mode provides the touch operation on said operation screen unit, instead of providing the first function corresponding to the touch operation, or together with providing the first function, with a second function of displaying a marker for indicating a detection of the touch in at least one of a touch position and a display position on said display device which is determined based on the touch operation.

a second display control unit,

wherein said first display control unit controls display of a first item of information on said operation screen unit, said second display control unit controls display of a

second item of information on said display device, and

the second operation mode provides the touch operation on said operation screen unit, instead of providing the first function corresponding to the touch operation, or together with providing the first function, with a second function of displaying a marker for indicating a detection of the touch in at least one of a touch position and a display position on said display device which is determined based on the touch operation.

5. An information processing system comprising:
an operation screen unit capable of displaying information and detecting a touch operation on a surface thereof;
a first display control unit controlling display of the information on said operation screen unit; and
a control unit distinguishing between operation modes on said operation screen unit,

wherein a touch operation in a first mode on said operation screen unit is provided with a first function corresponding to this touch operation, and

a touch operation in a second mode on said operation screen unit is provided with, instead of providing the first function, or together with providing the first function, a second function of displaying a marker for indicating a detection of the touch in a touch position.

6. An information processing system according to claim 5, further comprising:

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~~a connecting module for connecting a display device capable~~
of displaying information in addition to said operation screen
unit,

wherein said display device is connected via said
5 connecting module,

said first display control unit controls the display of
the information on said display device and the display of the
information on said operation screen unit, and

the touch operation in the second mode on said operation
10 screen unit is provided with, instead of providing the first
function, or together with providing the first function, a second
function of displaying a marker for indicating a detection of
the touch in at least one of a touch position and a display position
on said display device which is determined based on the touch
15 operation.

7. An information processing system according to claim
6, wherein said first display control unit executes the control
so that the information is exclusively displayed on any one of
20 said display device or said operation screen unit, and

the touch operation in the second mode on said operation
screen unit is provided with, instead of providing the first
function, or together with providing the first function, a second
function of displaying a marker for indicating a detection of
25 the touch in at least one of a touch position and a display position
on said display device which is determined based on the touch
operation.

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8. ~~An information processing system according to claim~~

6, further comprising:

a second display control unit,

5 wherein said first display control unit controls display of a first item of information on said operation screen unit,

said second display control unit controls display of a second item of information on said display device, and

10 the touch operation in the second mode on said operation screen unit is provided with, instead of providing the first function, or together with providing the first function, a second function of displaying a marker for indicating a detection of the touch in at least one of a touch position and a display position on said display device which is determined based on the touch operation.

9. An information processing system, to which a display unit displaying information and a pointing device for indicating coordinates on said display unit are connectable, said system
20 comprising:

a detection unit detecting an operator's input operation of indicating the coordinates by use of said pointing device; and

a display control unit displaying a marker for showing
25 the respective coordinates on said display unit indicated by the input operation.

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10. An information processing system according to claim 9, further comprising:

an operation mode selecting unit selecting any one of a first operation mode for providing a first function of executing a normal process corresponding to the operator's input operation using said pointing device, and a second operation mode for providing a second function of executing a process different from the first operation mode,

wherein said display control unit executes a process of displaying the marker on the basis of the selection of the second operation mode.

11. An information processing system according to claim 9, wherein said display control unit erases the marker after the marker has been displayed for a predetermined time.

12. An information processing system according to claim 11, wherein said display control unit, if an elapse time till a posterior coordinate indication since an anterior coordinate indication is longer than the predetermined time, erases the marker displayed by the anterior coordinate indication and displays the marker at the coordinates indicated posteriorly.

13. An information processing system according to claim 9, wherein said pointing device is a touch panel provided on said display unit.

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a connecting module to which other display device on which
to set display coordinates corresponding to the coordinates on
5 said display unit, is connected,

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20 detecting a touch operation on said operation screen unit;

~~16. A method of controlling an information processing~~

system, to which a display device is connected, having an operation screen unit capable of displaying information and detecting a touch operation on its surface, said method comprising, when no information is displayed on said operation
5 screen unit, steps of:

detecting the touch operation on said operation screen unit;

displaying a marker in a coordinate position on said display device, which corresponds to a position of the detected
10 touch on said operation screen unit; and

providing a function indicated by the marker on said display device.

17. A method of controlling an information processing
15 system, to which a display device is connected, having an operation screen unit capable of displaying information and detecting a touch operation on its surface, said method comprising, when different items of information are displayed on said display device and said operation screen unit, steps
20 of:

detecting the touch operation on said operation screen unit;

displaying a marker in a coordinate position on said display device, which corresponds to a position of the detected
25 touch on said operation screen unit; and

providing a function indicated by the marker.

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~~displaying information on at least one of an operation~~
screen unit capable of displaying the information and detecting
a touch operation on its surface and other display device
connected to the computer;

5 detecting the touch operation on said operation screen
unit;

 distinguishing between operation modes on said operation
screen unit;

 providing the operation in a first mode on said operation
10 screen unit with a first function corresponding to the first
mode operation; and

 providing the operation in a second mode on said operation
screen unit, instead of providing the first function, or together
with providing the first function, with a second function of
15 displaying a marker for indicating a detection of the touch in
at least one of a touch position and a display position on said
display device which is determined based on the touch operation.

20 .A storage medium readable by a machine, to which a
display unit can be connected, tangible embodying a program of
instructions executable by the machine to perform method steps
for processing in response to user instruction using the display
unit, the method steps comprising:

 detecting an operator's input operation of indicating
25 the coordinates on a display unit by use of a pointing device
being connected to the computer; and

~~displaying a marker for showing the respective~~

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coordinates on said display unit indicated by the input operation.

21. A storage medium readable by a machine tangible
5 embodying a program according to claim 20, of instructions executable by the machine, the method steps further comprising:

selecting any one of a first operation mode for providing a first function of executing a normal process corresponding to the operator's input operation using said pointing device,
10 and a second operation mode for providing a second function of executing a process different from the first operation mode; and

displaying the marker on the basis of the selection of the second operation mode.

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22. ~~A storage medium readable by a machine tangible~~
embodying a program according to claim 20, of instructions executable by the machine, the method steps further comprising:
erasing the marker after the marker has been displayed
20 for a predetermined time.

23. A storage medium readable by a machine tangible
embodying a program according to claim 22, of instructions executable by the machine, the method steps further comprising:
25 calculating an elapse time till a posterior coordinate indication since an anterior coordinate indication; and
displaying the marker at the coordinates indicated

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posteriorly after erasing the marker displayed by the anterior coordinate indication if the elapse time is longer than the predetermined time.

5 24. A storage medium readable by a machine tangible embodying a program according to claim 20, of instructions executable by the machine, wherein said pointing device is a touch panel provided on said display unit, and

 said detecting an operator's input operation is a process
10 of detecting an operator's coordinate indicating operation on said touch panel.

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15 25. ~~A storage medium readable by a machine tangible~~ embodying a program according to claim 20, of instructions executable by the machine, the method steps further comprising:

 controlling the display of the information on at least one of said display unit provided on said computer and other display device, connected to said computer, on which display coordinates corresponding to the coordinates on said display
20 unit are set; and

 displaying the marker on at least one of said display unit and said other display device on which the information is being displayed.